|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Application No.                                                                 | Applicant(s)                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                 |                                                                                |
| Notice of Allowability                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 09/541,690<br>Examiner                                                          | DUVAL ET AL. Art Unit                                                          |
| •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                 |                                                                                |
| •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Ganapathy Krishnan                                                              | 1623                                                                           |
| The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85; NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313                                                                                                                                                                                         | (OR REMAINS) CLOSED in<br>or other appropriate communication is s               | this application. If not included inication will be mailed in due course. THIS |
| 1. This communication is responsive to 3/29/2005.                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                 |                                                                                |
| 2. ☑ The allowed claim(s) is/are <u>21,60-74,76 and 78-80</u> .                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                 |                                                                                |
| 3. The drawings filed on 05 November 2002 are accepted by                                                                                                                                                                                                                                                                                                                                                                                                                        | the Examiner.                                                                   |                                                                                |
| <ul> <li>4.  Acknowledgment is made of a claim for foreign priority u <ul> <li>a)  All b)  Some* c)  None of the:</li> <li>1.  Certified copies of the priority documents have</li> <li>2.  Certified copies of the priority documents have</li> <li>3.  Copies of the certified copies of the priority do International Bureau (PCT Rule 17.2(a)).</li> <li>* Certified copies not received:</li> </ul> </li> <li>Applicant has THREE MONTHS FROM THE "MAILING DATE"</li> </ul> | e been received.<br>e been received in Applicatio<br>cuments have been received | n No. <u>09/039266</u><br>I in this national stage application from the        |
| noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.                                                                                                                                                                                                                                                                                                                                                                         | MENT of this application.                                                       |                                                                                |
| <ol> <li>A SUBSTITUTE OATH OR DECLARATION must be subm<br/>INFORMAL PATENT APPLICATION (PTO-152) which giv</li> </ol>                                                                                                                                                                                                                                                                                                                                                            |                                                                                 |                                                                                |
| 6. CORRECTED DRAWINGS ( as "replacement sheets") mus                                                                                                                                                                                                                                                                                                                                                                                                                             | st be submitted.                                                                |                                                                                |
| (a) I including changes required by the Notice of Draftspers                                                                                                                                                                                                                                                                                                                                                                                                                     | son's Patent Drawing Review                                                     | ( PTO-948) attached                                                            |
| 1) 🔲 hereto or 2) 🔲 to Paper No./Mail Date                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                 |                                                                                |
| (b) including changes required by the attached Examiner'<br>Paper No./Mail Date                                                                                                                                                                                                                                                                                                                                                                                                  | s Amendment / Comment or                                                        | in the Office action of                                                        |
| Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t                                                                                                                                                                                                                                                                                                                                                 |                                                                                 |                                                                                |
| <ol> <li>DEPOSIT OF and/or INFORMATION about the depo<br/>attached Examiner's comment regarding REQUIREMENT</li> </ol>                                                                                                                                                                                                                                                                                                                                                           |                                                                                 |                                                                                |
| Attachment(s) 1. ☐ Notice of References Cited (PTO-892)                                                                                                                                                                                                                                                                                                                                                                                                                          | 5. ☐ Notice of Inf                                                              | ormal Patent Application (PTO-152)                                             |
| 2. Notice of Draftperson's Patent Drawing Review (PTO-948)                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                 | ımmary (PTO-413),                                                              |
| <ol> <li>Information Disclosure Statements (PTO-1449 or PTO/SB/0<br/>Paper No./Mail Date</li> </ol>                                                                                                                                                                                                                                                                                                                                                                              |                                                                                 | Mail Date <u>6/20/2005</u> .<br>Amendment/Comment                              |
| 4. Examiner's Comment Regarding Requirement for Deposit                                                                                                                                                                                                                                                                                                                                                                                                                          | 8. 🗌 Examiner's                                                                 | Statement of Reasons for Allowance                                             |
| of Biological Material                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 9. 🔲 Other                                                                      | SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 1600                             |

Application/Control Number: 09/541,690

Art Unit: 1623

## **EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. James Ruland on June 20, 2005.

In the Amendments to the Claims of 3/21/2005, the terms "Listing of Claims" has been replaced by the terms "We Claim".

In claim 67 a period has been inserted after the structural formula

In claim 68 a period has been inserted after the second structural formula

In claim 69 the numeral 23 appearing below the first structural formula has been deleted

and a comma has been inserted after the first structural formula

Claim 75 has been cancelled

In claim 80, line 2, the terms "and modified" have been deleted. The terms "silica substituted by alkyl group wherein the alkyl group is optionally substituted," have been added before the term "oxides". At line 3, the terms "any organic polymers" have been replaced by the terms "an organic polymer".

Any inquiry concerning this communication should be directed to James O. Wilson,

Primary Examiner in Art Unit 1623 at 571-272-0661.

) JAMES O. WILSON SUPERVISORY PATENT EXAMINE / TECHNOLOGY CENTER 1800